

Claims

1. A warning system for people working in hazardous conditions comprising a control unit (1) that
5 includes a motion detector (2), an alarm transmitter (3), a receiver (4), a display (5), and a memory (6) for recording incidents, designed as a standalone simple base warning unit for various applications and optionally combinable with a radio pressure gauge (8)
10 connected to a compressed-air breathing apparatus and/or a vital function radio monitor (11) and/or a radio measuring device (14), and/or optionally connectable via a physical link (17) to a data transmitter (18) and/or a walkie-talkie (19).
15
2. The warning system according to claim 1, characterized in that the radio pressure gauge (8) is a pressure sensor (10) with a short-distance transmitter (9) connected to a compressed-air
20 cylinder.
3. The warning system according to claim 1, characterized in that the vital function radio monitor (11) includes at least a vital sensor (13)
25 combined with a short-distance transmitter (12) for collecting the user's vital data.
4. The warning system according to claim 1, characterized in that the radio measuring device (14)
30 includes a gas or temperature sensor (15) coupled with a short-distance transmitter (16).
5. The warning system according to claim 1, characterized in that a camera (20) and/or thermal
35 image camera (21) can be coupled with the control unit (1).